Author Index to Volume 172

Abboud, JL.M., see M. Alcamí	172 (1990)	471
Adams, G.F., see J.O. Jensen	172 (1990)	379
Alcamí, M., O. Mó, M. Yáñez, JL.M. Abboud and J. Elguero, Bond activation by pro-		
tonation in the gas phase	172 (1990)	471
Amos, A.T., T.F. Palmer, A. Walters and B.L. Burrows, Atom-atom potential parameters		
for van der Waals complexes of aromatics and rare-gas atoms	172 (1990)	503
Anderson, M.W. and J. Klinowski, Monitoring organic products of catalytic reactions on		
zeolites by two-dimensional J-resolved solid-state NMR	172 (1990)	275
Angyan, J.G., see F. Colonna	172 (1990)	55
Attard, P., D. Wei and G.N. Patey, Critical comments on the nonlocal dielectric function		
employed in recent theories of the hydration force	172 (1990)	69
Axon, S.A., K. Huddersman and J. Klinowski, Gallium EXAFS and solid-state NMR stud-		
ies of Ga-substituted MFI-type zeolites	172 (1990)	398
Balasubramanian, K., see K.K. Das	172 (1990)	372
Bancroft, G.M., see Z.F. Liu	172 (1990)	421
Banerjee, S.B., see P. Jana	172 (1990)	158
Batova, E.E., see V.Ya. Shafirovich	172 (1990)	10
Behera, L., T. Kar and A.B. Sannigrahi, Effect of basis-set superposition on the atomic		
charges and valencies in hydrogen- and lithium-bonded complexes	172 (1990)	487
Berezhkovskii, A.M. and V.Yu. Zitserman, Solvent slow-mode influence on chemical re-		
action dynamics: a multidimensional Kramers-theory treatment	172 (1990)	
Bergmann, T., see T.P. Martin	172 (1990)	209
Billing, G.D., see N. Markovic	172 (1990)	509
Boldyrev, A.I. and P. von R. Schleyer, The electron affinity of LiBO ₂ and the structure of		
its negative ion, LiBO ₂	172 (1990)	193
Bouvet, M. and J. Simon, Electrical properties of rare earth bisphthalocyanine and bis-		
naphthalocyanine complexes	172 (1990)	
Bowman, R.M., see M.H.M. Janssen	172 (1990)	99
Brauman, J.I., R.N. Zare and R.D. Levine, Fragment isotope distribution as a signature of	,	
molecular fluxionality	172 (1990)	
Brienne, J., see I. Ledoux	172 (1990)	
Bulatov, A. and V. Fetisov, Nonstationary nucleation in the supersaturated vapor	172 (1990)	
Burrow, P.D., see S.C. Chu	172 (1990)	
Burrows, B.L., see A.T. Amos	172 (1990)	503
Cannistraro, S., see R. Lamanna	172 (1990)	312
Carnie, S.L., see G.A. Christos	172 (1990)	249
Castellani, L., see G. Zerbi	172 (1990)	143
Cavell, R.G., see Z.F. Liu	172 (1990)	421
Chabalowski, C.F., see J.O. Jensen	172 (1990)	379

Volume 172, number 6	HEMICAL PHYSICS LETTERS	21 September 199	0
Chaudhuri, R., see D. Mukhopadhyay Jr.		172 (1990) 51	5
Chibante, L.P.F., see L. Wang		172 (1990) 33	
Chierichetti, B., see G. Zerbi		172 (1990) 14	
	mulation of semi-dilute polyelectrolyte solutions	172 (1990) 24	
The state of the s	ttachment of electrons in the chloromethanes	172 (1990) 1	
Chung, C. and S. Wimperis, Three- and five	e-quantum filtration experiments in ²⁵ Mg NMR		
of a macromolecular system	odelling the electric field of water obtained from	172 (1990) 9	4
accurate SCF wave functions	denning the electric field of water obtained from	172 (1990) 5	. 5
	emtosecond probing of persistent wave packet	172 (1990) 3	5
motion in dissociative reactions: up to		172 (1990) 10	10
Cooksy, A.L., see A. O'Keefe	tu ps	172 (1990) 21	
	io ¹³ C shielding parameters in acetylene clusters	172 (1990) 26	
Curl, R.F., see L. Wang	to C shielding parameters in acceptenc clusters	172 (1990) 33	
Cutler, J.N., see Z.F. Liu		172 (1990) 42	
Cutter, J.N., see Z.F. Liu		172 (1990) 42	. 1
Das K K and K Balasubramanian Spect	roscopic constants and potential energy curves		
of electronic states of LaH	roscopie constants and potential energy curves	172 (1990) 37	12
Davis, R.W., see C.D. Paulse		172 (1990) 4	
Delmelle, M., see R. Lamanna		172 (1990) 31	
Dickinson, E., see D.J. McClements		172 (1990) 44	
Dietz, F., see K. Schöffel		172 (1990) 18	
	se of optical electronegativities to assign elec-	1,2 (1,50) 10	•
tronic spectra of semiquinone complexe	-	172 (1990) 15	1
-	Schiel, The effect of resonant vibrational cou-	1,2 (1,50) 10	•
	f liquid methyl iodide in Raman scattering and		
infrared absorption	inquie memy route in ruman seattering and	172 (1990) 45	3
Dreger, Z., see J. Kalinowski		172 (1990) 52	
210801, 2., 500 01 11411110 115111		1,2 (1,,,,,,,,	
Ehara, M., see H. Nakatsuji		172 (1990) 26	1
Elguero, J., see M. Alcamí		172 (1990) 47	1
Engels, B., see K. Funken		172 (1990) 18	0
Eychmüller, A., see L. Katsikas		172 (1990) 20	1
Fain, B., Supertunneling in dissipative med	dia	172 (1990) 39	3
Fenistein, S., M. Heninger, R. Marx, G. Ma	uclaire and Y.M. Yang, Radiative relaxation of		
$NO^+(X, v=1-4)$		172 (1990) 8	9
Fetisov, V., see A. Bulatov		172 (1990) 38	8
Field, M.J., Simulated annealing, classical	l molecular dynamics and the Hartree-Fock		
method: the NDDO approximation		172 (1990) 8	3
Franchy, R., see P. Sjövall		172 (1990) 12	5
François, J.P., see J.M.L. Martin		172 (1990) 34	6
François, J.P., see J.M.L. Martin		172 (1990) 35	4
Fujino, T., see Y. Hinatsu		172 (1990) 13	
Fujitsuka, M., see K. Nakamura		172 (1990) 20	5
Funken, K., B. Engels, S.D. Peyerimhoff and	d F. Grein, Study of the hyperfine coupling con-		
stants of the molecules NH ₂ , NHD and	ND_2	172 (1990) 18	0

Volume 172, number 6	CHEMICAL PHYSICS LETTERS	21 September 1990
Gallazzi, C., see G. Zerbi		172 (1990) 143
Ganguly, T., see P. Jana		172 (1990) 158
Gburski, Z., see A. Kloc		172 (1990) 73
Ghosh, S.K., Energy derivatives in d	lensity-functional theory	172 (1990) 77
Giersig, M., see L. Katsikas	tensity runctional theory	172 (1990) 201
Gijbels, R., see J.M.L. Martin		172 (1990) 346
Gijbels, R., see J.M.L. Martin		172 (1990) 354
Godlewski, J., see J. Kalinowski		172 (1990) 522
Göhlich, H., see T.P. Martin		172 (1990) 209
Gönül, B., see E. Kasap		172 (1990) 499
Goodman, D.W., see W.K. Kuhn		172 (1990) 331
	reau, Direct observation of rotational relaxation times	172 (1770) 331
by time-resolved infrared spectros		172 (1990) 435
Grein, F., see K. Funken	scopy	172 (1990) 433
	no. Spectroscopic investigations of adsorbates at the	172 (1990) 100
	ne, Spectroscopic investigations of adsorbates at the	172 (1990) 341
metal-electrolyte interface using s	sum frequency generation	172 (1990) 341
Handy, N.C., see W.H. Miller		172 (1990) 62
Harano, A., J. Kinoshita and S. Koda	a, Decomposition of gaseous hydrocarbons in a laser-	
	aceous source for cluster formation	172 (1990) 219
He, JW., see W.K. Kuhn		172 (1990) 331
Heath, J., see A. O'Keefe		172 (1990) 214
Heninger, M., see S. Fenistein		172 (1990) 89
Hernandez, R., see W.H. Miller		172 (1990) 62
Hess, B., see A.M. Zhabotinsky		172 (1990) 445
Hinatsu, Y. and T. Fujino, Study of e	electron paramagnetic resonance on Ce _{0.1} U _{0.9} O ₂ solid	
solution		172 (1990) 131
Hjorth, J., see J. Skibsted		172 (1990) 279
Ho, W., see P. Sjövall		172 (1990) 125
Holloway, S. and B. Jackson, Rotat	tional state distributions as a probe of dissociative	
adsorption		172 (1990) 40
Hom, M., see J.M. Warman		172 (1990) 114
Huang, J.Y., see R. Superfine		172 (1990) 303
Huddersman, K., see S.A. Axon		172 (1990) 398
Ingänas, O., see G. Zerbi		172 (1990) 143
Ito, Y., see I. Suzuka		172 (1990) 409
ito, 1., see i. Suzuka		172 (1990) 409
Jackson, B., see S. Holloway		172 (1990) 40
Jakobsen, H.J., see J. Skibsted		172 (1990) 279
	d S.B. Banerjee, Heavy-atom effect on emission from exes of excited 1,2,3,4-tetrahydroquinoline	172 (1990) 158
Janssen, M.H.M., R.M. Bowman and	A.H. Zewail, Femtosecond temporal spectroscopy of	
ICl: inversion to the $A^3\Pi_1$ state pe	otential	172 (1990) 99
Jayatilaka, D., see W.H. Miller		172 (1990) 62
Jensen, J.O., G.F. Adams and C.F. Ch	nabalowski, Ab initio study of the electric dipole tran-	
	ronic transition in acetylene: theoretical predictions	172 (1990) 379

Vallet OV M D I and and I D Malin I along the Colonial and the Colonial an	
Kabbaj, O.K., MB. Lepetit and JP. Malrieu, Inclusion of dynamical polarization effects	172 (1000) 402
is sufficient to obtain reliable energies and structures of He ⁺ _n clusters	172 (1990) 483
Kajimoto, O., see K. Yamasaki	172 (1990) 271
Kakitani, T., see M. Saito	172 (1990) 169
Kalinowski, J., Z. Dreger, J. Godlewski and P. Mondalski, Structural transformations in N-	170 (1000) 500
isopropylcarbazole crystal monitored by pressure-induced luminescence	172 (1990) 522
Kar, T., see L. Behera	172 (1990) 487
Kasap, E., B. Gönül and M. Şimşek, Supersymmetric WKB solutions for pseudoharmonic	4.70 (4000) 400
and Mie-type potentials	172 (1990) 499
Kasemo, B., see P. Sjövall	172 (1990) 125
Katada, M., see H. Ohe	172 (1990) 284
Katsikas, L., A. Eychmüller, M. Giersig and H. Weller, Discrete excitonic transitions in	
quantum-sized CdS particles	172 (1990) 201
Keniry, M.A. and B.C. Sanctuary, Experimental verification of the exact response of nu-	
clear spins to an exponentially shaped pulse	172 (1990) 295
Kinoshita, J., see A. Harano	172 (1990) 219
Kitajima, M., see K. Nakamura	172 (1990) 205
Kitamura, T., see T. Yamanaka	172 (1990) 29
Klinowski, J., see M.W. Anderson	172 (1990) 275
Klinowski, J., see S.A. Axon	172 (1990) 398
Klobukowski, M., Atomic correlation energies from effective-core-potential and model-po-	
tential calculations	172 (1990) 361
Kloc, A. and Z. Gburski, Interaction-induced absorption in rare-gas/liquid mixture: a two-	
body contribution	172 (1990) 73
Kobayashi, Y., Effect of external pressure on the reactivity of nitrobenzene toward posi-	
tronium in hexane and benzene solutions	172 (1990) 307
Koda, S., see A. Harano	172 (1990) 219
Koepke, Cz. and A. Lempicki, Excited state "photochromism" in bismuth germanate	172 (1990) 224
Koepke, Cz. and A. Lempicki, Excited state absorption in Bi ₄ Ge ₃ O ₁₂	172 (1990) 227
Koga, N. and K. Morokuma, A simple scheme of estimating substitution or substituent ef-	
fects in the ab initio MO method based on the shift operator	172 (1990) 243
Koyama, Y., see E. Nishizawa	172 (1990) 317
Krausz, E., see H. Riesen	172 (1990) 5
Kroon, J., see J.M. Warman	172 (1990) 114
Krossner, T., see K. Schöffel	172 (1990) 187
Kubo, A., see H. Ohe	172 (1990) 284
Kuhn, W.K., JW. He and D.W. Goodman, IR study of CO surface diffusion on sub-	
monolayer metal overlayers	172 (1990) 331
Kunst, M., see KM. Schindler	172 (1990) 137
Lamanna, R., M. Delmelle and S. Cannistraro, A near-infrared study of hydrogen bonding	
in human albumin aqueous solutions	172 (1990) 312
Lange, T., see T.P. Martin	172 (1990) 209
Laubereau, A., see H. Graener	172 (1990) 435
Laverdet, G., G. Le Bras, A. Mellouki and G. Poulet, The Br+HO ₂ reaction revisited: ab-	
solute determination of the rate constant at 298 K	172 (1990) 430
Leahey, J., see B.H. Loo	172 (1990) 33
Le Bras, G., see G. Laverdet	172 (1990) 430

Volume 172, number 6	CHEMICAL PHYSICS LETTERS	21 September 1990
Ledoux I I Zyss IS Siegel I	Brienne and JM. Lehn, Second-harmonic generation from	
* * * * * * * * * * * * * * * * * * * *	etric aromatic charge-transfer molecules	172 (1990) 440
Lee, Y.G., see B.H. Loo		172 (1990) 33
Lehn, JM., see I. Ledoux		172 (1990) 440
Lempicki, A., see Cz. Koepke		172 (1990) 224
Lempicki, A., see Cz. Koepke		172 (1990) 227
Lepetit, MB., see A. Sanchez d	e Meras	172 (1990) 163
Lepetit, MB., see O.K. Kabbaj		172 (1990) 483
Lever, A.B.P., see E.S. Dodswor		172 (1990) 151
Levin, P.P., see V.Ya. Shafirovic		172 (1990) 10
Levine, R.D., see J.I. Brauman		172 (1990) 231
Lindner, D., see G. Döge		172 (1990) 453
Liu, Z.F., J.N. Cutler, G.M. Band	croft, K.H. Tan, R.G. Cavell and J.S. Tse, High resolution	
gas phase photoabsorption spe	ectra and multiple-scattering $X\alpha$ study of PX_3 ($X=H$, CH_3 ,	
CF ₃) compounds at the P L ₂ .		172 (1990) 421
Loo, B.H., J. Leahey and Y.G. Le	ee, Enhanced Raman spectroscopic study of the adsorption	
of thiocarbohydrazide on silv	ver and copper electrode surfaces	172 (1990) 33
Mahmood, M.F., Collisional bel	havior of $HgX(B^2\Sigma - X^2\Sigma)$ formation involving CO^+ and	
CO_2^+ ions and HgX_2 (X=Cl,		172 (1990) 23
Mallik, G.K., see P. Jana		172 (1990) 158
Malrieu, JP., see A. Sanchez de	e Meras	172 (1990) 163
Malrieu, JP., see O.K. Kabbaj		172 (1990) 483
	J.T. Muckerman, On the use of grid methods for the so-	(
	problems in hyperspherical coordinates	172 (1990) 509
	nd R. Gijbels, On size-consistency corrections for limited	,
configuration-interaction calc		172 (1990) 346
Martin, J.M.L., J.P. François and	d R. Gijbels, Some cost-effective approximations to CCSD	
and QCISD		172 (1990) 354
Martin, T.P., T. Bergmann, H. C	Göhlich and T. Lange, Observation of electronic shells of	
atoms in large Na clusters		172 (1990) 209
Marx, R., see S. Fenistein		172 (1990) 89
Matsuoka, O., Basis-set expansion	n method for relativistic atoms in the atomic-nucleus model	
of a finite sphere of constant	electric field	172 (1990) 175
Mauclaire, G., see S. Fenistein		172 (1990) 89
McClements, D.J., E. Dickinson a	and M.J.W. Povey, Crystallization in hydrocarbon-in-water	
emulsions containing a mixtu	re of solid and liquid droplets	172 (1990) 449
Meletov, K.P., High-pressure stu	dy of the crystal-field-induced mixing of exciton states in	
a naphthalene crystal		172 (1990) 147
Mellouki, A., see G. Laverdet		172 (1990) 430
Merkt, F. and T.P. Softley, Rese	onance-enhanced sum-frequency generation of XUV ra-	
diation in CO, Chem. Phys. I	Letters 165 (1990) 477. Erratum	172 (1990) 529
Miller, W.H., R. Hernandez, N.	C. Handy, D. Jayatilaka and A. Willetts, Ab initio calcu-	
lation of anharmonic constan	ts for a transition state, with application to semiclassical	
transition state tunneling prol	babilities	172 (1990) 62
Mó, O., see M. Alcamí		172 (1990) 471
Mokhtari, A., see P. Cong		172 (1990) 109

Volume 172, number 6	HEMICAL PHYSICS LETTERS	21 September	1990
Mondalski, P., see J. Kalinowski		172 (1990)	522
Morokuma, K., see N. Koga		172 (1990)	
Moss, R.E., Calculations on the 0,1 and 0	3 vibration-rotation levels of H ₂ ⁺	172 (1990)	
Muckerman, J.T., see N. Markovic	, , , , , , , , , , , , , , , , , , , ,	172 (1990)	
Mukherjee, D., see D. Mukhopadhyay Jr.		172 (1990)	
	D. Mukherjee, A new nonperturbative theory of	1,2 (1,,0)	010
	expansion technique for treating relaxation effects	172 (1990)	515
	initio SCF calculations on the potential surfaces	()	
of phosphine hydrogen halide complexe		172 (1990)	478
Müller, S.C., see A.M. Zhabotinsky		172 (1990)	
•		,	
Naaman, R., see Y. Paz		172 (1990)	120
Nakamura, K., M. Fujitsuka and M. Kitaj	ima, Finite size effect on Raman scattering of		
graphite microcrystals		172 (1990)	205
Nakatsuji, H. and M. Ehara, Collision-indu	aced absorption spectra of CsXe system studied		
by SAC-CI theory		172 (1990)	261
Narita, S., see T. Shibuya		172 (1990)	494
Nascimento, M.A.C., see J.S. Craw		172 (1990)	265
Nicolaides, C.A., see P. Valtazanos		172 (1990)	254
Nishizawa, E. and Y. Koyama, The T ₁ Rar	nan spectra of bacteriochlorophyll a: changes in		
the bond orders of the conjugated maci	ocycle upon triplet excitation	172 (1990)	317
	o, Motional narrowing of ¹³ C dipolar magic-an-		
gle-spinning nuclear magnetic resonance		172 (1990)	284
	cal study on polarized time-resolved resonance		
	effects of ultrafast molecular rearrangement in	.== (1000)	
the electronically excited state		172 (1990)	323
	Sheeks, J. Heath and R.J. Saykally, Cavity ring	170 (1000)	21.4
down dye laser spectroscopy of jet-cool	ed metal clusters: Cu ₂ and Cu ₃	172 (1990)	
Oliver, A.M., see J.M. Warman		172 (1990)	114
	optical dephasing in solids: nonperturbative the-	172 (1000)	220
ory for dephasing processes, Chem. Phy	s. Letters 167 (1990) 412. Erratum	172 (1990)	330
Paddon-Row, M.N., see J.M. Warman		172 (1990)	114
Palmer, T.F., see A.T. Amos		172 (1990)	503
Patey, G.N., see P. Attard		172 (1990)	69
Paulse, C.D., R.A. Poirier and R.W. Davis	, The molecular structures and harmonic force		
fields of SO ₂ , S ₂ O, and S ₂ O ₂ from comb	pined spectroscopic and SCF results	172 (1990)	43
Paz, Y. and R. Naaman, Vibrational energy	y distribution in aniline scattered from surfaces		
covered with organized organic monola	yers	172 (1990)	120
Peyerimhoff, S.D., see K. Funken		172 (1990)	180
Poirier, R.A., see C.D. Paulse		172 (1990)	
Poulet, G., see G. Laverdet		172 (1990)	
Povey, M.J.W., see D.J. McClements		172 (1990)	449
-	off-resonance decoupling effects in CPMAS of	170 (1000)	201
moderate susceptibility materials		172 (1990)	291

Volume 172, number 6	HEMICAL PHYSICS LETTERS	21 September 1990
Reinhold, J., see B. Müller		172 (1990) 478
Richter, W., see G. Döge		172 (1990) 453
	arrowing in Ru(II) tris(3,3'-biisoquinoline)	172 (1990) 5
Saito, M. and T. Kakitani, Monte Carlo s	simulation study on solvation energy of polar	
solutions		172 (1990) 169
Salzner, U. and P. von R. Schlever, Ab initi	o studies of the geometries and electronic struc-	
tures of CaF ₂ and CaCl ₂	•	172 (1990) 461
	-P. Malrieu, Discontinuity of valence CASSCF	
	crossing between valence configurations	172 (1990) 163
Sanctuary, B.C., see M.A. Keniry		172 (1990) 295
Sandström, M., see D. Strömberg		172 (1990) 49
Sannigrahi, A.B., see L. Behera		172 (1990) 487
Sano, H., see H. Ohe		172 (1990) 284
Saykally, R.J., see A. O'Keefe		172 (1990) 214
Scherer, J.J., see A. O'Keefe		172 (1990) 214
Schiel, D., see G. Döge		172 (1990) 453
Schindler, KM. and M. Kunst, Gas adso	rption and the charge-carrier kinetics in ZnO	,
powder		172 (1990) 137
Schleyer, P. von R., see A.I. Boldyrev		172 (1990) 193
Schleyer, P. von R., see U. Salzner	1.1	172 (1990) 461
	del mechanisms for the thermal cis-trans iso-	172 (1000) 107
merization of cyanines		172 (1990) 187
Schüler, M., see B. Müller		172 (1990) 478
Seifert, G., see H. Graener		172 (1990) 435
	vin, Magnetic field effect on the recombination	
	Zn-porphyrin-viologen dyad: the influence of	170 (1000) 10
the supramolecule microenvironment		172 (1990) 10
Sheeks, R., see A. O'Keefe		172 (1990) 214
Shen, Y.R., see R. Superfine		172 (1990) 303
	b repulsion integrals used in the parametrized	455 (4000) 404
equations-of-motion method for $\pi \rightarrow \pi^*$ t	ransitions	172 (1990) 494
Siegel, J.S., see I. Ledoux		172 (1990) 440
Simon, J., see M. Bouvet		172 (1990) 299
Şimşek, M., see E. Kasap		172 (1990) 499
•	and W. Ho, NO ₂ adsorption on graphite at 90	172 (1000) 105
K	290: 270	172 (1990) 125
	Correlation between ²⁹ Si NMR chemical shifts	150 (1000) 250
and mean Si-O bond lengths for calcium		172 (1990) 279
The state of the s	cs and harmonic vibrations in flexible BJH and	170 (1000) 2(7
MCYL potentials		172 (1990) 367
Smalley, R.E., see L. Wang		172 (1990) 335
So, S.K., see P. Sjövall		172 (1990) 125
Softley, T.P., see F. Merkt	The second of th	172 (1990) 529
	gren, Theoretical calculations on the structure	170 (1000) 10
of the hexahydrated divalent zinc, cadm	num and mercury ions	172 (1990) 49

Superfine, R., J.Y. Huang and Y.R. Shen, Experimental determination of the sign of mo-	
lecular dipole moment derivatives: an infrared-visible sum frequency generation ab-	
solute phase measurement study	172 (1990) 303
Suzuka, I., T. Tomioka and Y. Ito, Ion-induced sensitized phosphorescence excitation spec-	1.2 (1770) 000
tra of halobenzenes in supersonic jets	172 (1990) 409
,	(,
Tadjeddine, A., see P. Guyot-Sionnest	172 (1990) 341
Takahashi, Y., see T. Yamanaka	172 (1990) 29
Takahashi, Y., see T. Yamanaka	172 (1990) 405
Tan, K.H., see Z.F. Liu	172 (1990) 421
Tapia, O., see F. Colonna	172 (1990) 55
Thiemens, M.H., see J. Wen	172 (1990) 416
Tittel, F.K., see L. Wang	172 (1990) 335
Tomioka, T., see I. Suzuka	172 (1990) 409
Tse, J.S., see Z.F. Liu	172 (1990) 421
	172 (1000) 20
Uchida, K., see T. Yamanaka	172 (1990) 29
Uchida, K., see T. Yamanaka	172 (1990) 405
Valtazanos, P. and C.A. Nicolaides, Local minima of ground hypersurfaces. The cases of	
He_3^{2+} and of the BeH_2^{2+} nonclassical dihydrogen complex	172 (1990) 254
ine of the berry monetassical amydrogen complex	1,2 (1,5,0) 20.
Wahlgren, U., see D. Strömberg	172 (1990) 49
Walters, A., see A.T. Amos	172 (1990) 503
Wang, L., L.P.F. Chibante, F.K. Tittel, R.F. Curl and R.E. Smalley, Ammonia chemisorp-	,
tion on gallium arsenide clusters	172 (1990) 335
Warman, J.M., M. Hom, M.N. Paddon-Row, A.M. Oliver and J. Kroon, (Sub)nanosecond	
intramolecular hole transfer through a rigid, 10-sigma-bond, saturated-hydrocarbon	
bridge	172 (1990) 114
Wei, D., see P. Attard	172 (1990) 69
Weller, H., see L. Katsikas	172 (1990) 201
Wen, J. and M.H. Thiemens, An apparent new isotope effect in a molecular decomposition	
and implications for nature	172 (1990) 416
Willetts, A., see W.H. Miller	172 (1990) 62
Wimperis, S., see C. Chung	172 (1990) 94
Variable T V Tabababi T Viscon and V Usbida Time and A	
Yamanaka, T., Y. Takahashi, T. Kitamura and K. Uchida, Time-resolved fluorescence	172 (1990) 29
spectra of pyrene doped in amorphous silica glasses	172 (1990) 29
Yamanaka, T., Y. Takahashi and K. Uchida, Time-resolved fluorescence spectra of naph-	172 (1990) 405
thalene doped in amorphous silica glasses	172 (1990) 403
Yamasaki, K. and O. Kajimoto, Solvent effect in supercritical fluids: keto-enol equilibria	172 (1990) 271
of acetylacetone and ethylacetoacetate	172 (1990) 471
Yáñez, M., see M. Alcamí Vene V. M., see S. Fenistein	172 (1990) 89
Yang, Y.M., see S. Fenistein	172 (1990) 323
Yoshihara, K., see H. Okamoto	112 (1770) 323
Zare, R.N., see J.I. Brauman	172 (1990) 231
Zerbi, G., L. Castellani, B. Chierichetti, C. Gallazzi and O. Ingänas, Non-equilibrium	,
structures and geometry relaxation in polyoctylthiophene	172 (1990) 143
	537
	331

Volume 172, number 6	CHEMICAL PHYSICS LETTERS	21 September 1990
Zewail, A.H., see M.H.M. Janss	en	172 (1990) 99
Zewail, A.H., see P. Cong		172 (1990) 109
Zhabotinsky, A.M., S.C. Müller	and B. Hess, Interaction of chemical waves in a th	in layer
of microheterogeneous gel wi	th a transversal chemical gradient	172 (1990) 445
Zitserman, V.Yu., see A.M. Bere	zhkovskii	172 (1990) 235
Zyss, J., see I. Ledoux		172 (1990) 440

